Iwashita et al.

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[54]	BLOOD SUBSTITUTE CONTAINING MODIFIED HEMOGLOBIN	
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[57] ABSTRACT

A novel modified hemoglobin was prepared. The hemoglobin is coupled with a polyalkylene glycol or its derivative, and the products are useful as a blood substitute. The oxygen-carrying capacity of this hemoglobin is nearly equal to that of a native hemoglobin, and the residence time in the circulation is satisfactorily long.

7 Claims, 2 Drawing Figures